

WHAT IS CLAIMED IS:

Sub
GI

1 An expansion device for a handheld computer, comprising:
2 a Secure Digital input/output (SDIO) card including an
3 interface configured to be coupled to the handheld computer;
4 an accessory device coupled to the SDIO card;
5 an expansion slot coupled to the SDIO card, the expansion
6 slot configured to selectively couple to one of a Secure Digital (SD) card
7 and a multimedia card (MMC).

1 2. The expansion device for a handheld computer of claim 1,
2 wherein the SDIO card includes Secure Digital (SD) memory.

1 3. The expansion device for a handheld computer of claim 1,
2 wherein the interface is configured to be coupled to a slot in a housing of
3 the handheld computer.

1 4. The expansion device for a handheld computer of claim 1,
2 wherein the accessory device includes a positioning system device.

1 5. The expansion device for a handheld computer of claim 4,
2 wherein the positioning system device includes a global positioning
3 system (GPS) receiver.

1 6. The expansion device for a handheld computer of claim 1,
2 wherein the accessory device includes an audio player.

1 7. The expansion device for a handheld computer of claim 6,
2 wherein the audio player is an MPEG3 (MP3) player.

1 8. The expansion device for a handheld computer of claim 1,
2 wherein the accessory device includes a voice recorder.

1 9. The expansion device for a handheld computer of claim 1,
2 wherein the accessory device includes a Bluetooth transceiver.

1 10. The expansion device for a handheld computer of claim 1,
2 wherein the accessory device includes a digital camera.

1 11. The expansion device for a handheld computer of claim 1,
2 wherein the accessory device includes a tuner.

1 12. The expansion device for a handheld computer of claim 11,
2 wherein the tuner is a frequency modulation (FM) tuner.

1 13. The expansion device for a handheld computer of claim 11,
2 wherein the tuner is a television tuner.

1 14. The expansion device for a handheld computer of claim 1,
2 wherein the accessory device includes a networking card.

1 15. The expansion device for a handheld computer of claim 1,
2 wherein the accessory device includes a wireless communications card.

1 16. The expansion device for a handheld computer of claim 1,
2 wherein the accessory device includes a pedometer.

1 17. The expansion device for a handheld computer of claim 1,
2 wherein the accessory device includes a cellular telephone transceiver.

1 18. The expansion device for a handheld computer of claim 1,
2 wherein the expansion slot is configured to accept a MMC memory card.

1 19. The expansion device for a handheld computer of claim 1,
2 wherein the expansion slot is configured to accept a SD memory card.

1 20. The expansion device for a handheld computer of claim 1,
2 wherein both of a SD memory card and a MMC memory card may be
3 used selectively and singularly in the expansion slot.

1 21. The expansion device for a handheld computer of claim 1,
2 wherein the expansion slot is configured to accept a battery.

1 22. The expansion device for a handheld computer of claim 21,
2 wherein the battery is rechargeable.

1 23. The expansion device for a handheld computer of claim 1,
2 further comprising:
3 a second expansion slot coupled to the SDIO card, the
4 second expansion slot configured to selectively couple to at least one of a
5 Secure Digital (SD) card and a multimedia card (MMC).

1 24. A handheld computer comprising:
2 a housing;
3 a slot in the housing, the slot including an electrical
4 connector;
5 a Secure Digital input/output (SDIO) card including an
6 interface coupled to the slot in the housing and coupled to the electrical
7 connector;
8 an accessory device coupled to the SDIO card;
9 an expansion slot coupled to the SDIO card, the expansion
10 slot configured to selectively couple to one of a Secure Digital (SD) card
11 and a multimedia card (MMC).

1 25. The handheld computer of claim 24, wherein the SDIO card
2 includes Secure Digital (SD) memory.

1 26. The handheld computer of claim 24, wherein the interface is
2 configured to be coupled to a slot in a housing of the handheld computer.

1 27. The handheld computer of claim 24, wherein the accessory
2 device includes a positioning system device.

1 28. The handheld computer of claim 27, wherein the positioning
2 system device includes a global positioning system (GPS) receiver.

1 29. The handheld computer of claim 24, wherein the accessory
2 device includes an audio player.

1 30. The handheld computer of claim 29, wherein the audio
2 player is an MPEG3 (MP3) player.

1 31. The handheld computer of claim 24, wherein the accessory
2 device includes a voice recorder.

1 32. The handheld computer of claim 24, wherein the accessory
2 device includes a Bluetooth transceiver.

1 33. The handheld computer of claim 24, wherein the accessory
2 device includes a digital camera.

1 34. The handheld computer of claim 24, wherein the accessory
2 device includes a tuner.

1 35. The handheld computer of claim 34, wherein the tuner is a
2 frequency modulation (FM) tuner.

1 36. The handheld computer of claim 34, wherein the tuner is a
2 television tuner.

1 37. The handheld computer of claim 24 wherein the accessory
2 device includes a networking card.

1 38. The handheld computer of claim 24, wherein the accessory
2 device includes a wireless networking card.

1 39. The handheld computer of claim 24, wherein the accessory
2 device includes a pedometer.

1 40. The handheld computer of claim 24, wherein the accessory
2 device includes a cellular telephone transceiver.

1 41. The handheld computer of claim 24, wherein the expansion
2 slot is configured to accept a MMC memory card.

1 42. The handheld computer of claim 24, wherein the expansion
2 slot is configured to accept a SD memory card.

1 43. The handheld computer of claim 24, wherein both of a SD
2 memory card and a MMC memory card may be used selectively and
3 singularly in the expansion slot.

1 44. The handheld computer of claim 24, wherein the expansion
2 slot is configured to accept a battery.

1 45. The handheld computer of claim 44, wherein the battery is
2 rechargeable.

1 46. The handheld computer of claim 24, further comprising:
2 a second expansion slot coupled to the SDIO card, the
3 second expansion slot configured to selectively couple to at least one of a
4 Secure Digital (SD) card and a multimedia card (MMC).

1 47. An expansion device for a portable electronic device,
2 comprising:
3 a Secure Digital input/output (SDIO) card including an
4 interface configured to be coupled to the electronic device;
5 an accessory device coupled to the SDIO card;
6 an expansion slot coupled to the SDIO card, the expansion
7 slot configured to selectively couple to one of a Secure Digital (SD) card
8 and a multimedia card (MMC).

1 48. The expansion device for a portable electronic device of
2 claim 47, wherein the SDIO card includes Secure Digital (SD) memory.

1 49. The expansion device for a portable electronic device of
2 claim 47, wherein the interface is configured to be coupled to a slot in a
3 housing of the handheld computer.

1 50. The expansion device for a portable electronic device of
2 claim 47, wherein the accessory device includes a positioning system
3 device.

1 51. The expansion device for a portable electronic device of
2 claim 50, wherein the positioning system device includes a global
3 positioning system (GPS) receiver.

1 52. The expansion device for a portable electronic device of
2 claim 47, wherein the accessory device includes an audio player.

1 53. The expansion device for a portable electronic device of
2 claim 52, wherein the accessory device includes an MPEG3 (MP3) player.

1 54. The expansion device for a portable electronic device of
2 claim 47, wherein the accessory device includes a voice recorder.

1 55. The expansion device for a portable electronic device of
2 claim 47, wherein the accessory device includes a Bluetooth transceiver.

1 56. The expansion device for a portable electronic device of
2 claim 47, wherein the accessory device includes a digital camera.

1 57. The expansion device for a portable electronic device of
2 claim 47, wherein the accessory device includes a tuner.

1 58. The expansion device for a portable electronic device of
2 claim 57, wherein the tuner is a frequency modulation (FM) tuner.

1 59. The expansion device for a portable electronic device of
2 claim 57, wherein the tuner is a television tuner.

1 60. The expansion device for a portable electronic device of
2 claim 47, wherein the accessory device includes a networking card.

1 61. The expansion device for a portable electronic device of
2 claim 47, wherein the accessory device includes a pedometer.

1 62. The expansion device for a portable electronic device of
2 claim 47, wherein the accessory device includes a cellular telephone
3 transceiver.

1 63. The expansion device for a portable electronic device of
2 claim 47, wherein the expansion slot is configured to accept a MMC
3 memory card.

1 64. The expansion device for a portable electronic device of
2 claim 47, wherein the expansion slot is configured to accept a SD
3 memory card.

1 65. The expansion device for a portable electronic device of
2 claim 47, wherein both of a SD memory card and a MMC memory card
3 may be used selectively and singularly in the expansion slot.

1 66. The expansion device for a portable electronic device of
2 claim 47, wherein the expansion slot is configured to accept a battery.

1 67. The expansion device for a portable electronic device of
2 claim 66, wherein the battery is rechargeable.

1 68. The expansion device for a portable electronic device of
2 claim 47, further comprising:
3 a second expansion slot coupled to the SDIO card, the
4 second expansion slot configured to selectively couple to at least one of a
5 Secure Digital (SD) card and a multimedia card (MMC).

1 69. The expansion device for a portable electronic device of
2 claim 47, wherein the accessory device includes a wireless networking
3 card.